

FIG. 1

TOP SECRET

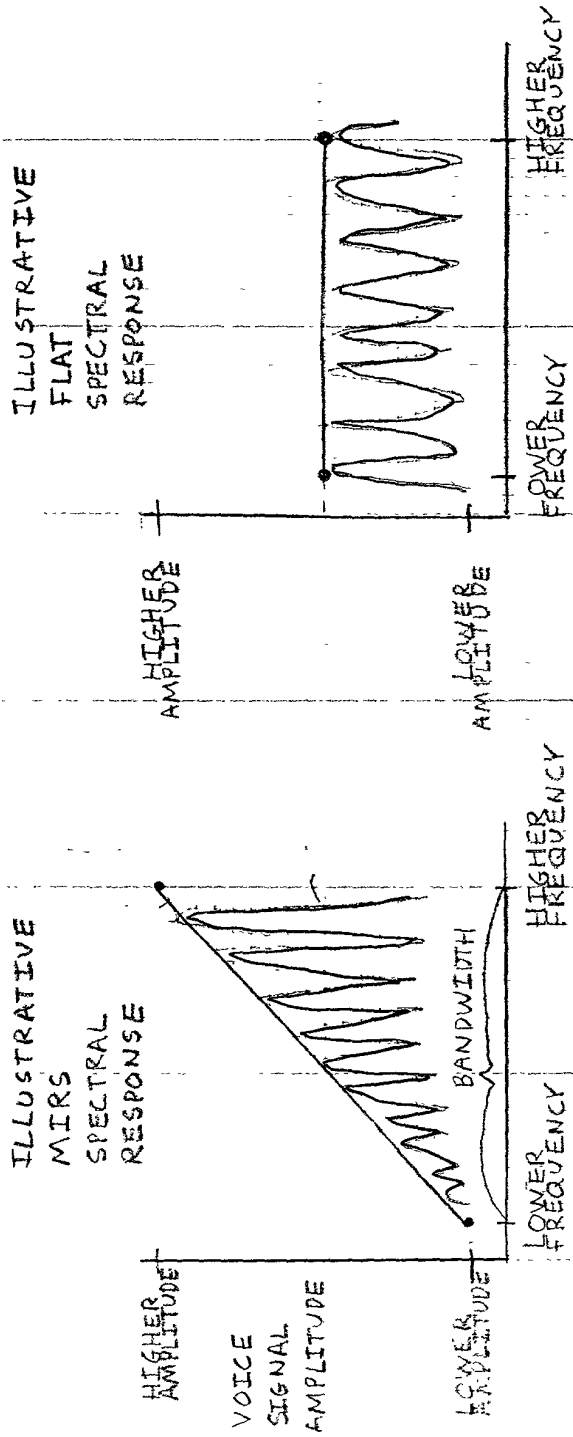


FIG. 2A

FIG. 2B

Input for Digital Speech signal

132

FILTERING MODULE

SPECTRAL DETECTOR

156
BUFFER MEMORY

158
AVERAGING UNIT

160
REFERENCE PARAMETER DATABASE

162
EVALUATOR

164
SELECTION CONTROL DATA

166
FIRST FILTER

168
SECOND FILTER

170
INTERFACE

119
PARAMETER EXTRACTOR

11
ENCODER

221
SPEECH PARAMETER DATA (E.G., SPECTRAL CHARACTERISTICS)

FIG. 3

FIG. 4A

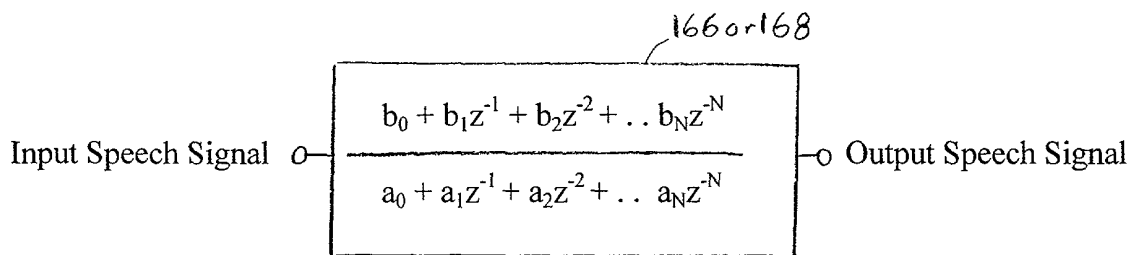


FIG. 4B

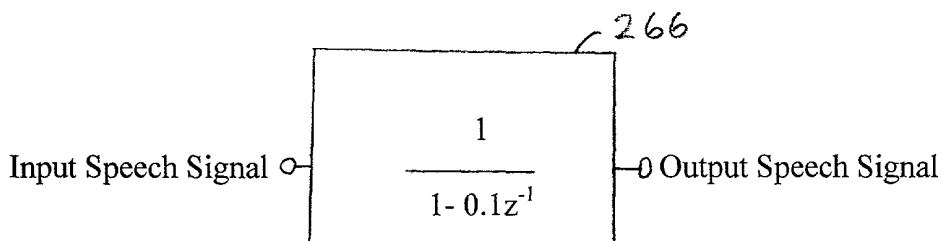


FIG. 4C

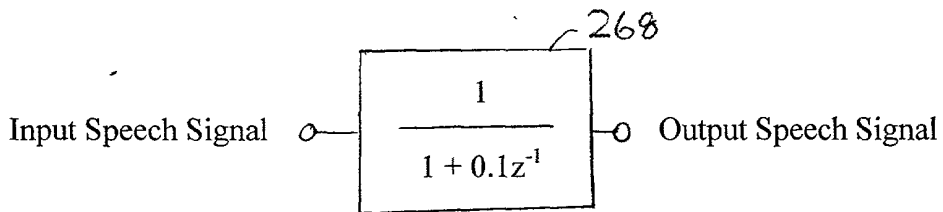


FIG. 5

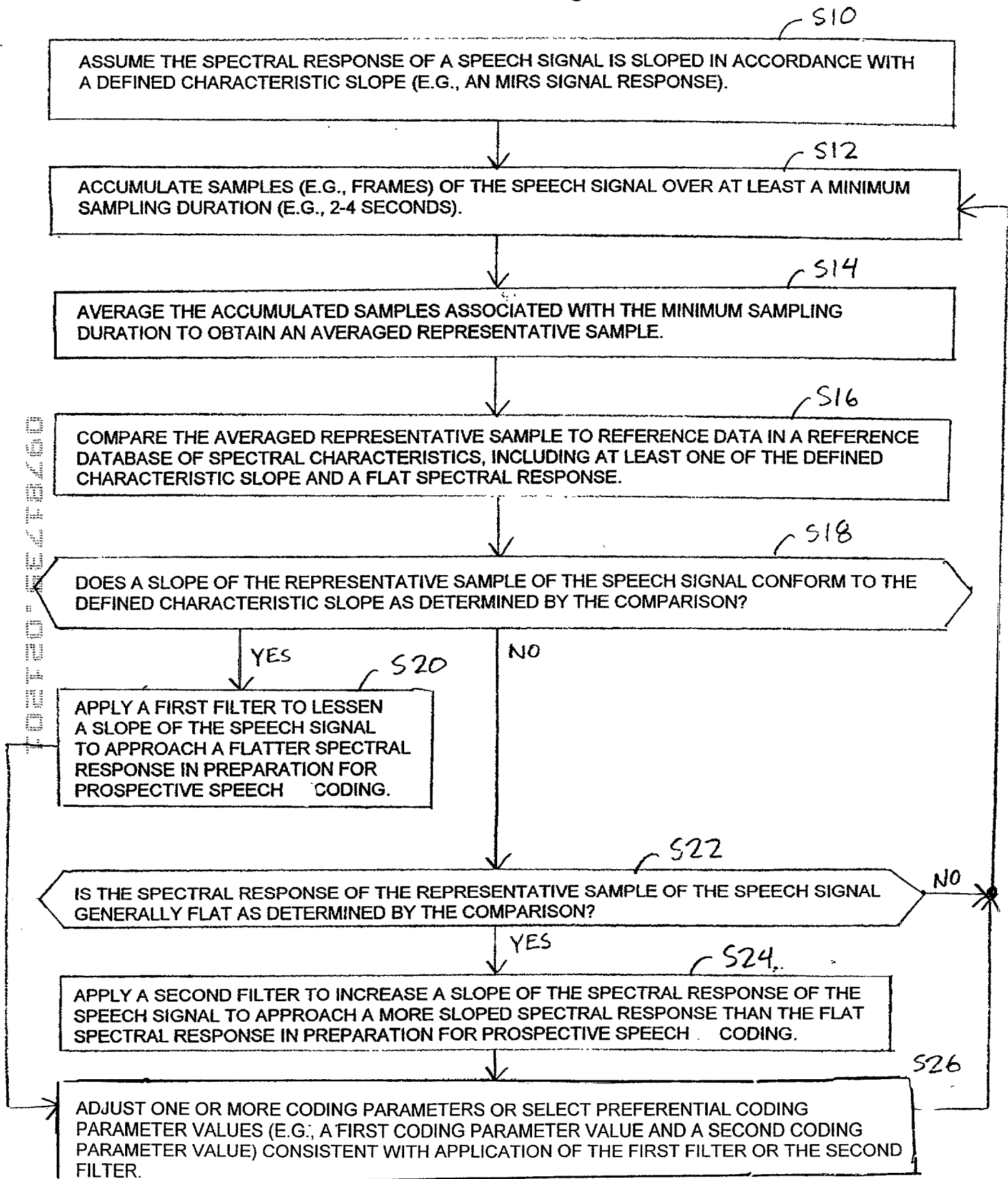


FIG. 6

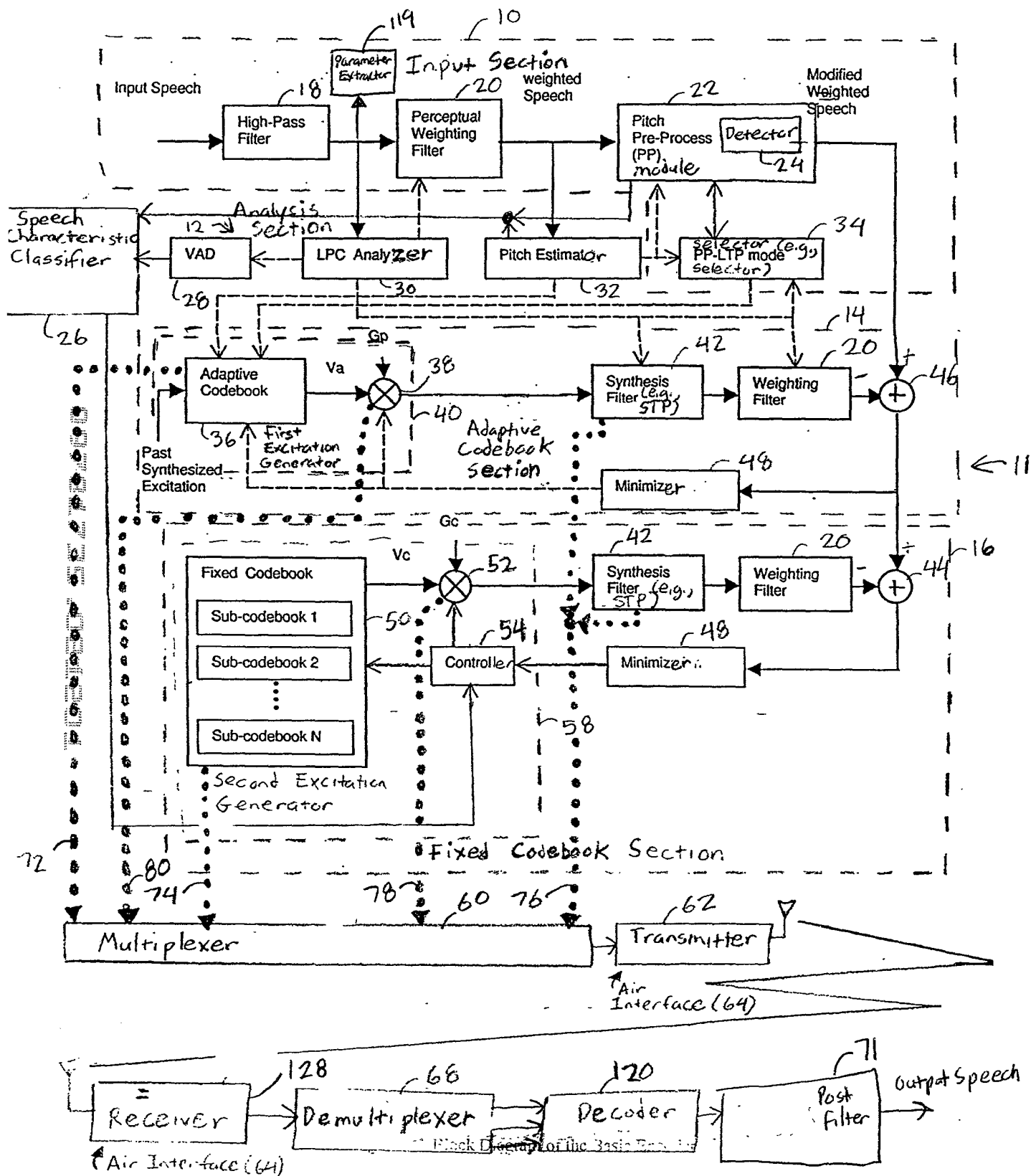


FIG. 7

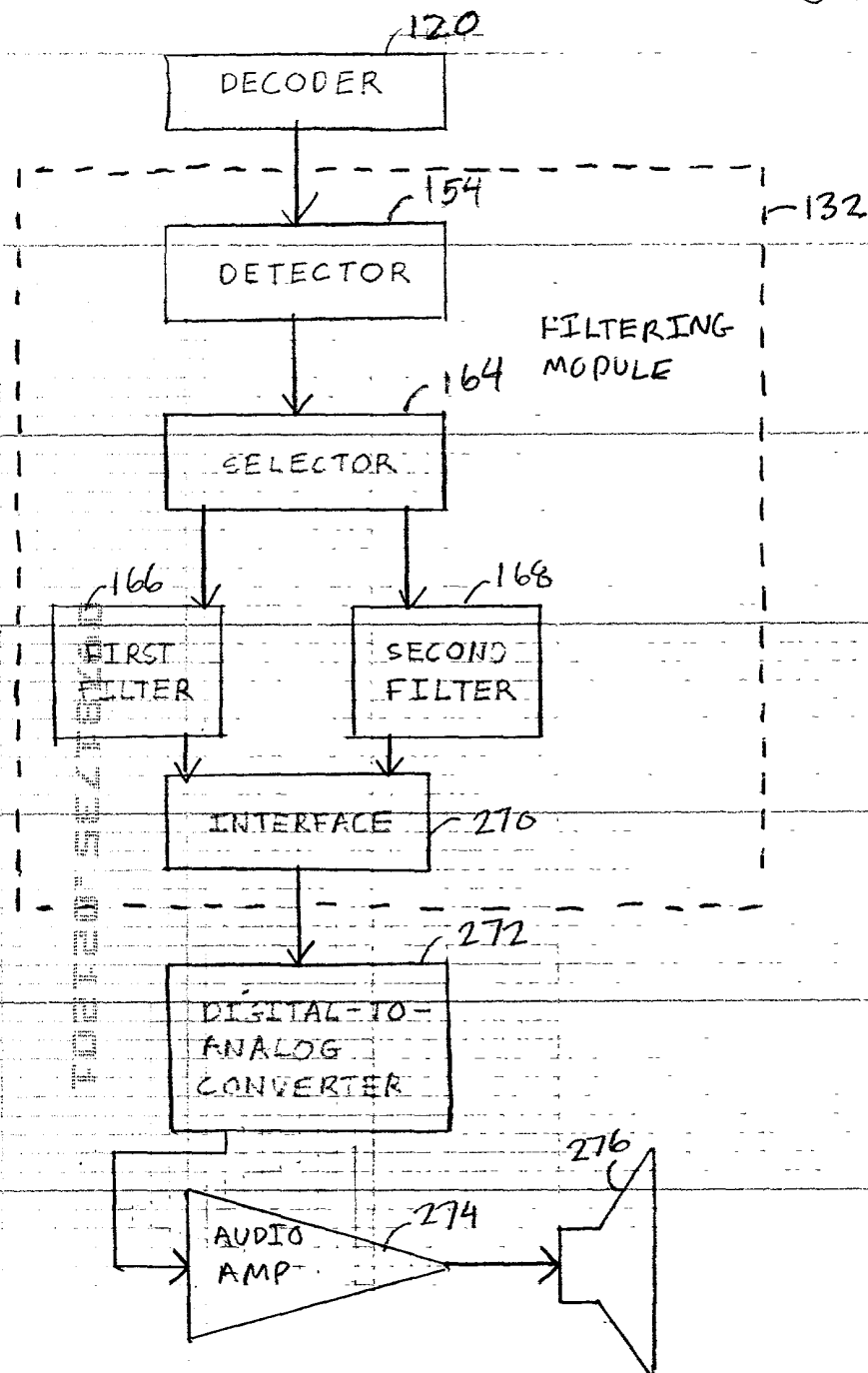


FIG. 8

